6SS7

6SS7

TRIPLE-GRID SUPER-CONTROL AMPLIFIER

SINGLE-ENDED METAL TYPE

Heater■ Coated Unipotential Cathode

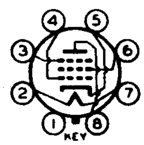
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.

Direct Interelectrode Capacitances:°

Grid to Plate	0.004 max.	μμf
Input	5.5	μμf
Output	7.0	μμf

Maximum Overall Length	2-5/8"
Maximum Seated Height	2-1/16"
Maximum Diameter	1-5/16"
Bulb	Metal Shell, MT-8
Base	Small Wafer Octal, 8-Pin

Pin 1 - Shell
Pin 2 - Heater
Pin 3 - Suppressor
Pin 4 - Grid



BOTTOM VIEW (8N)

Pin 5 - Cathode
Pin 6 - Screen
Pin 7 - Heater
Pin 8 - Plate

Mounting Position Any

AMPLIFIER

Plate Voltage	300 max.	volts
Screen Voltage	100 max.	volts
Screen Supply Voltage	300 max.	volts
Grid Voltage	0 min.	volts
Plate Dissipation	2.25 max.	watts
Screen Dissipation	0.35 max.	watt

Typical Operation and Characteristics - Class A_1 Amplifier:

Plate Voltage	100	250	volts
Screen Voltage	100	100	volts
Grid Voltage	-1	-3	volts
Suppressor	Connected to cathode at socket		
Plate Res.	0.12	1.0	approx. megohm
Transcond.	1930	1850	μmhos
Grid Bias for Transcond. of 10 μmhos (approx.)	-35	-35	volts
Plate Cur.	12.2	9	ma.
Screen Cur.	3.1	2	ma.

■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

° With shell connected to cathode.

May 1, 1941 TENTATIVE DATA

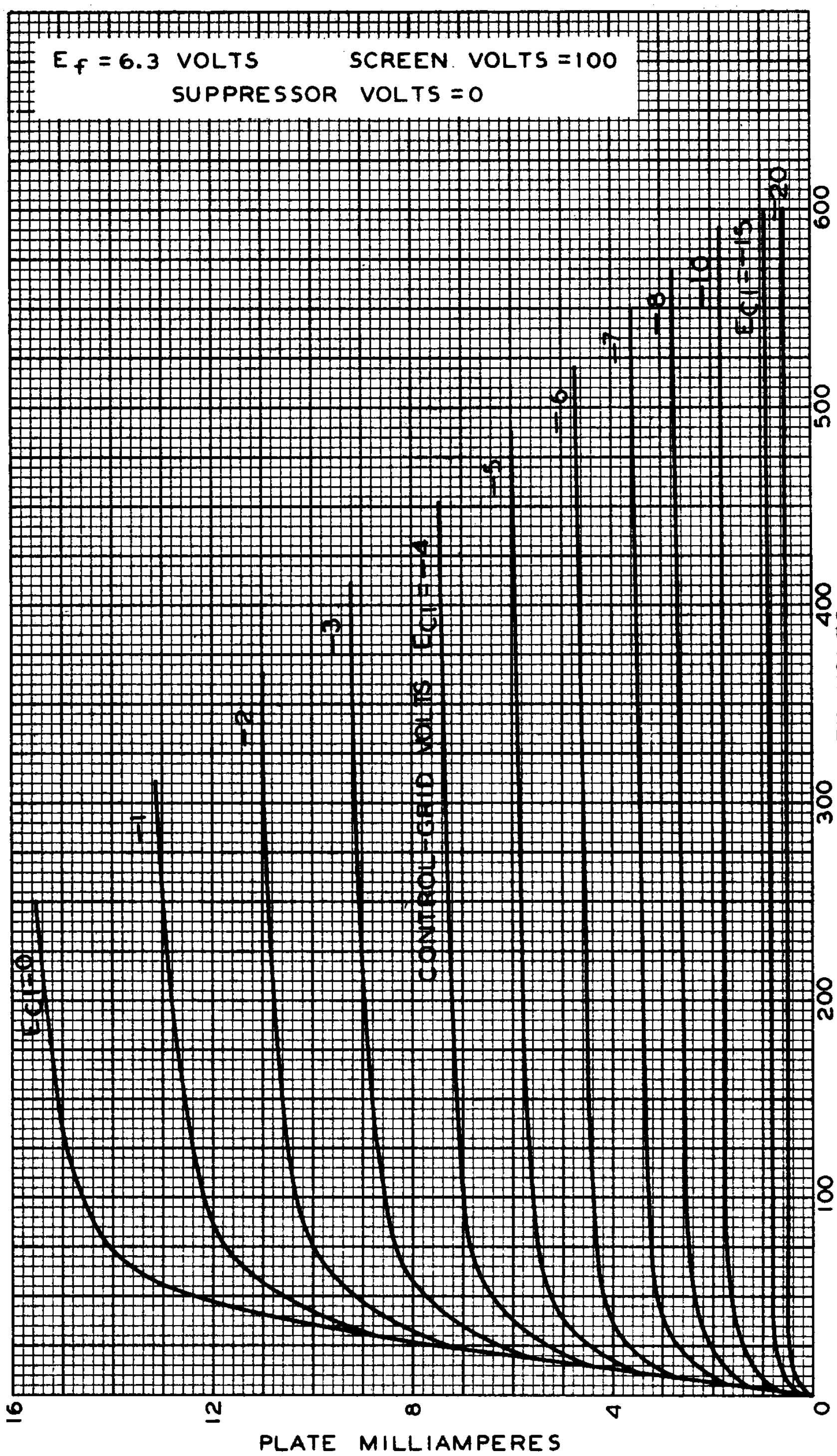
RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

6SS7

RCA

6SS7

AVERAGE PLATE CHARACTERISTICS



APR. 3, 1941

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

92C—6270